



South Pacific
Division

Integrating Environmental Programs or Opportunities for Synergy

Anthony L. Mei, P.E.
Chief, Support For Other Agencies Team

March 12, 2003

Environmental Summit II



South Pacific
Division

PURPOSE

- Encourage application of the EOP *within* the Environmental Programs
- Provide examples



South Pacific
Division

What is it?

- Use one program's authority to facilitate success of another program
- Use two distinct program authorities to find an elusive solution
- Pool the capabilities of multiple program authorities to seek an optimal solution



South Pacific
Division

Examples

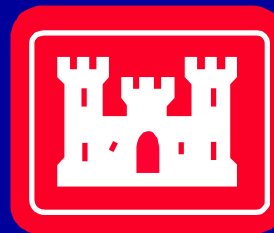
- Passaic River (metropolitan NYC – NJ)
- Hamilton
- Palos Verdes Shelf
- United Heckathorn
- Santa Clarita
- Potential site(s)



South Pacific
Division

Passaic River

*A New Opportunity for Regionally-Based
Cleanups of Urban River Basins.....*



March 12, 2003

Environmental Summit II



South Pacific
Division

Passaic River

The Urban Rivers Program....

*An agreement between **US EPA** and the **US Army Corps of Engineers** to cooperate in the regional cleanup of rivers and adjacent areas.*



**South Pacific
Division**

Passaic River

- **Urban Rivers Program**
 - **Comprehensive Regional Cleanup of Contaminated River Systems**
 - **Opportunity for Integration of WRDA Authorities with CERCLA Authorities**
 - **River Sediments**
 - **River Banks**
 - **Synergize Both Programs**
 - **Eliminate Redundancy**
- **Regional Opportunities**
 - **Lower Passaic River**
 - **Glen Cove Creek/ Li Tungsten**



South Pacific
Division



US Army Corps
of Engineers®



Passaic River

SYNERGY



Superfund
Clean Water Act /RCRA

1

Brownfields
Urban Renewal
Environmental Remediation

+ 1

Navigational Dredging
Ecosystem Restoration
(Water Resource Dev. Act)

+ 1

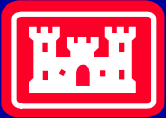
Natural Resources Damages
Act

+ 1

>>4

March 12, 2003

Environmental Summit II



South Pacific
Division

Synergy 1



US Army Corps
of Engineers®

Mitigation

Restoration
Mitigation

Synergy 2

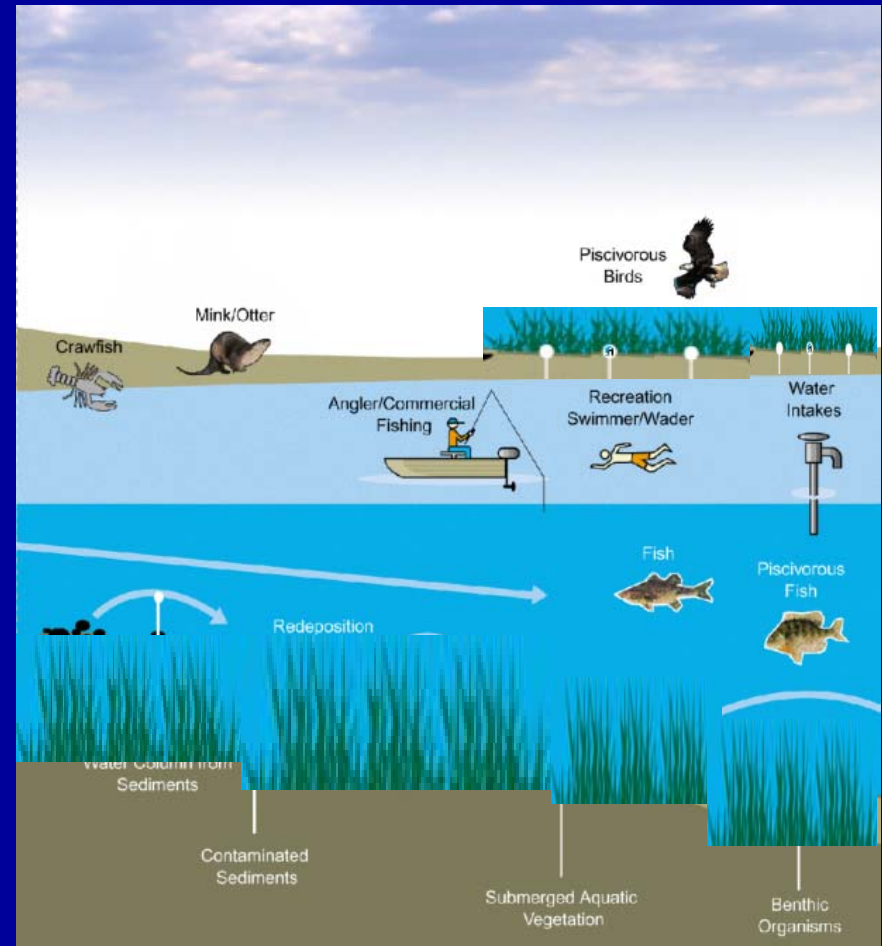


US Army Corps
of Engineers®



≤ 65% Restoration
WRDA Match

≥ 35% Restitution
via local sponsor (PRP) 'contribution'





South Pacific
Division

Key Differences between WRDA and CERCLA

- ***WRDA is primarily designed for restoration of stream bank locations. Funding is 65% Federal, 35% Local Sponsor.***
- ***CERCLA is designed to cleanup hazardous wastes and restore a contaminated area. Polluter pays 100% of the cleanup costs.***
- ***WRDA is administered by the US Army Corps of Engineers.***
- ***CERCLA is administered by US EPA.***



South Pacific
Division

Hamilton

- Former Hamilton Army Airfield
- “Hamilton *est divisa in septem partes*”
- HWRP = 2 FUDS + 2 BRAC + O&M + ER
+ LTMS
- Hamilton Wetland Restoration Project



South Pacific
Division

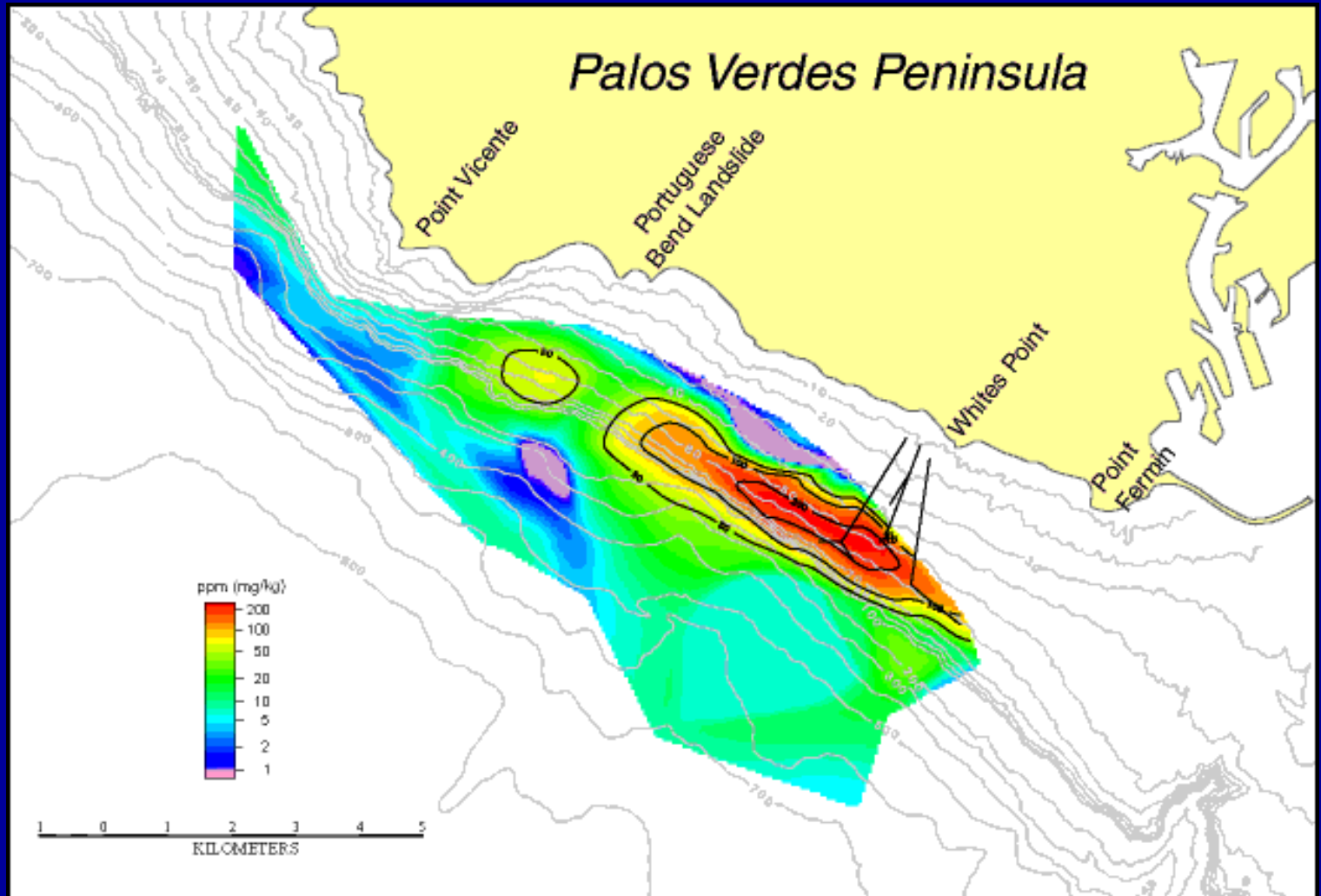
Hamilton

- Multiple stakeholders
- Involving ASA(CW) and ASA(I&E)
- Proposed solution > sum of individual solutions
- N.B. Integration efforts are not always easy, but synergy will pay off in the end



South Pacific
Division

Palos Verdes Shelf



March 12, 2003

Environmental Summit II



South Pacific
Division

Palos Verdes Shelf

- Superfund Enforcement site
- Remediate contaminated sediment
- EPA / Corps partnership uses O&M dredging expertise to solve Superfund problem
- Pilot project and follow-on validation



United Heckathorn

South Pacific
Division

- Superfund enforcement site
- Richmond Inner Harbor (CA)
- DDT contaminated sediments in Lauritzen channel (UH site)
- UH Site impacting O&M dredging of Federal channel
- CESPN envisions synergy and selects O&M dredging PM to lead support to EPA Superfund site



South Pacific
Division

Santa Clarita

- Contaminated groundwater
- FUDS site(s)
- Congressional mandate
- CESPL use water quality authority (WRDA) to address contamination in regional approach



South Pacific
Division

Potential

- Inland Empire (Southern California)
- Perchlorate contamination
- Present: Individual sites addressed separately
 - 2 Superfund sites
 - Several State Superfund sites
 - 3 BRAC sites
 - Multiple FUDS
- Is the problem being solved?



Potential





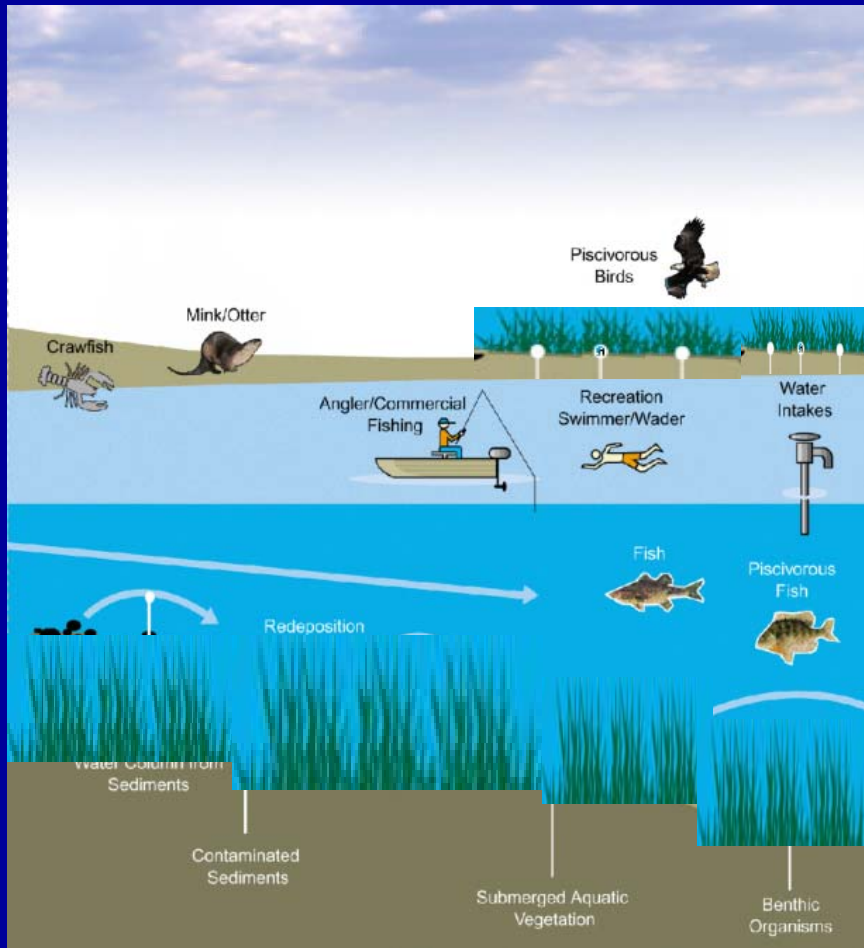
South Pacific
Division

Potential

- **Collaborative** use of EPA and Corps authorities to address contamination as a **Regional water quality** issue.
- **Holistic approach** may find optimal solution which is more timely, more efficient and cost effective, i.e. cost the taxpayer less.



**South Pacific
Division**



Make it Happen

•Team Relationships

- EPA Region IX

**- US Army Corps of
Engineers**

- Other Stakeholders

-YOU?

March 12, 2003

Environmental Summit II



South Pacific
Division

Questions?

Questions?

Questions?

Questions?

Questions?

March 12, 2003

Environmental Summit II